

Title (en)
MOUNTING-RELATED SYSTEM

Title (de)
MONTAGESYSTEM

Title (fr)
SYSTÈME ASSOCIÉ AU MONTAGE

Publication
EP 4250893 A4 20240110 (EN)

Application
EP 20962462 A 20201120

Priority
JP 2020043318 W 20201120

Abstract (en)
[origin: EP4250893A1] A mounting-related system which includes a mounting-related facility for performing a mounting process and in which a member used in the mounting process is automatically conveyed to the mounting-related facility by an automatic conveyance vehicle, including a storage section configured to store instruction content for performing an instruction for travel of the automatic conveyance vehicle, for each of multiple types of the automatic conveyance vehicle as an instruction block capable of being block-displayed on a screen, a display section configured to display the instruction blocks of the multiple types of the automatic conveyance vehicle on the screen to be selectable by an operator, a setting section configured to set a travel instruction flow of the automatic conveyance vehicle that performs the automatic conveyance in the mounting-related system, based on the instruction block selected by the operator from among the instruction blocks displayed on the screen, and a control section configured to perform a travel control of the automatic conveyance vehicle based on the set travel instruction flow.

IPC 8 full level
H05K 13/02 (2006.01); **G05B 19/418** (2006.01); **G05D 1/02** (2020.01); **G06Q 10/06** (2023.01)

CPC (source: EP US)
G05B 19/41895 (2013.01 - EP); **G05D 1/0225** (2024.01 - EP); **G05D 1/0297** (2024.01 - EP); **G06Q 10/08** (2013.01 - EP);
H05K 3/3494 (2013.01 - US); **H05K 13/021** (2013.01 - EP US); **G05B 2219/31003** (2013.01 - EP)

Citation (search report)

- [A] EP 3567997 A1 20191113 - FUJI CORP [JP]
- [A] US 2003233177 A1 20031218 - JOHNSON JAMES [US], et al
- [A] JP H07191723 A 19950728 - TOYOTA MOTOR CORP
- See also references of WO 2022107299A1

Cited by
EP4290996A4

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4250893 A1 20230927; **EP 4250893 A4 20240110**; CN 116326231 A 20230623; JP 7475490 B2 20240426; JP WO2022107299 A1 20220527;
US 2024008235 A1 20240104; WO 2022107299 A1 20220527

DOCDB simple family (application)
EP 20962462 A 20201120; CN 202080106461 A 20201120; JP 2020043318 W 20201120; JP 2022563516 A 20201120;
US 202018251323 A 20201120